

**WEST Search History**

10/755,622

DATE: Friday, December 10, 2004

Hide?	Set Name	Query	Hit Count
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*DB=USPT; PLUR=YES; OP=OR*

<input type="checkbox"/>	L6	6734348.pn.	1
<input type="checkbox"/>	L5	L4 not l3	1
<input type="checkbox"/>	L4	ph48v	2
<input type="checkbox"/>	L3	l1 and L2	6
<input type="checkbox"/>	L2	maize or corn or zea	85712
<input type="checkbox"/>	L1	mohror.in.	7

END OF SEARCH HISTORY

## Hit List

Clear

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### Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6777597 B1

L3: Entry 1 of 6

File: USPT

Aug 17, 2004

US-PAT-NO: 6777597

DOCUMENT-IDENTIFIER: US 6777597 B1

TITLE: Hybrid maize plant and seed 31R88

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 6734348 B1

L3: Entry 2 of 6

File: USPT

May 11, 2004

US-PAT-NO: 6734348

DOCUMENT-IDENTIFIER: US 6734348 B1

TITLE: Inbred maize line PH48V

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6107550 A

L3: Entry 3 of 6

File: USPT

Aug 22, 2000

US-PAT-NO: 6107550

DOCUMENT-IDENTIFIER: US 6107550 A

**\*\* See image for Certificate of Correction \*\***TITLE: Inbred maize line PH0V0

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 5986183 A

L3: Entry 4 of 6

File: USPT

Nov 16, 1999

US-PAT-NO: 5986183

DOCUMENT-IDENTIFIER: US 5986183 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Hybrid maize plant and seed 31G20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Pub. Status	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 5763747 A

L3: Entry 5 of 6

File: USPT

Jun 9, 1998

US-PAT-NO: 5763747

DOCUMENT-IDENTIFIER: US 5763747 A

TITLE: Hybrid maize plant & seed (3082)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Pub. Status	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 5750832 A

L3: Entry 6 of 6

File: USPT

May 12, 1998

US-PAT-NO: 5750832

DOCUMENT-IDENTIFIER: US 5750832 A

TITLE: Inbred maize line PH44G

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Pub. Status	Claims	KWIC	Draw. De
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L1 and L2

6

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6720486 B1

L5: Entry 1 of 1

File: USPT

Apr 13, 2004

US-PAT-NO: 6720486

DOCUMENT-IDENTIFIER: US 6720486 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Inbred maize line PH0KT

*too late*

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Terms	Documents
L4 not L3	1

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[First Hit](#) [Fwd Refs](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)**End of Result Set**

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L5: Entry 1 of 1

File: USPT

Apr 13, 2004

DOCUMENT-IDENTIFIER: US 6720486 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Inbred maize line PH0KT

Detailed Description Text (97):

The results in Table 4A compare inbred PH48V crossed to inbred PH0KT and inbred PHKV1 crossed to PHN46. The results show the PH48V/PH0KT hybrid to demonstrate above average and significantly higher yields than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid presents higher than average ear placement and a significantly taller plant than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid shows significantly better staygreen scores than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid demonstrates above average and significantly better resistance to stalk lodging and brittle stalk than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid shows above average and significantly better resistance to Gray Leaf Spot and Southern Leaf Blight than the PHKV1/PHN46 hybrid.

Detailed Description Text (98):

The results in Table 4B compare inbred PH48V crossed to inbred PH0KT and inbred PHW52 crossed to PHK46. The results show the PH48V/PH0KT hybrid to demonstrate above average and significantly higher yields with significantly higher test weight of grain than the PHW52/PHK46 hybrid. The PH48V/PH0KT hybrid presents a significantly taller plant and a significantly higher ear placement than the PHW52/PHK46 hybrid. The PH48V/PH0KT hybrid shows above average resistance to root lodging. The PH48V/PH0KT hybrid demonstrates above average and significantly better resistance to stalk lodging and brittle stalk than the PHW52/PHK46 hybrid. The PH48V/PH0KT hybrid shows above average and significantly better resistance to Gray Leaf Spot and Southern Leaf Blight than the PHW52/PHK46 hybrid.

Detailed Description Text (99):

The results in Table 4C compare inbred PH48V crossed to inbred PH0KT and inbred PHBM4 crossed to PHJW1. The results show the PH48V/PH0KT hybrid to demonstrate above average and significantly higher yields with significantly lower harvest moisture and significantly higher test weight of grain than the PHBM4/PHJW1 hybrid. The PH48V/PH0KT hybrid presents a significantly taller plant and a significantly higher ear placement than the PHBM4/PHJW1 hybrid. The PH48V/PH0KT hybrid shows above average resistance to root lodging, stalk lodging and brittle stalk. The PH48V/PH0KT hybrid demonstrates above average and significantly better resistance to Gray Leaf Spot and Southern Leaf Blight than the PHBM4/PHJW1 hybrid.

Detailed Description Paragraph Table (8):

TABLE 4A INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH48V/PH0KT VARIETY #2 = PHKV1/PHN46 PRM BU BU TST EGR EST GDU PRM SHD ACR ACR MST WT-WTH-CNT SHD-ABS ABS  
 ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 119 116 173.7 106 105 57.0 92 103 100  
 2 115 117 166.9 101 94 57.2 92 104 103 LOCS 7 6 143 143 143 58 27 30 26 REPS 7 6  
 165 165 165 59 30 34 29 DIFF 4 1 6.8 4 11 0.3 0 1 3 PR >  
 T .002# .007# .001# .001# .000# .252 .999 .733 .000# GDU STK PLT EAR RT STA STK BRT  
 DRP SLK CNT HT HT LDG GRN LDG STK EAR % MN % MN % MN % MN % MN % MN % MN % MN  
 TOTAL SUM 1 101 101 104 108 99 109 102 108 100 2 102 102 100 107 103 86 97 98 100

LOCS 17 190 51 50 31 47 55 14 9 REPS 20 245 62 60 34 52 59 19 11 DIFF 2,1 4 2 4 23  
6 11 0 PR > T .014+ .183 .000# .195 .027+ .000# .002# .037+ .999 GLF NLF SLF STW  
ANT HD MDM FUS SPT BLT BLT WLT ROT SMT CLN CPX ERS ABS ABS ABS ABS ABS ABS ABS  
ABS TOTAL SUM 1 6.6 5.8 7.4 7.0 5.0 96.9 6.3 3.0 4.9 2 2.7 5.8 3.6 5.8 2.9 79.6 6.8  
3.0 5.3 LOCS 8 5 7 5 6 2 2 1 9 REPS 12 7 10 5 10 4 4 2 12 DIFF 3.9 0.0 3.8 1.2 2.1  
17.3 0.5 0.0 0.4 PR > T .000# .999 .000# .235 .021+ .500 .500 .548 DIP COM SOU ECB  
ECB HSK HSK OIL PRO ERS RST RST 1LF 2SC CVR CVR T T ABS ABS ABS ABS ABS ABS % MN  
ABS ABS TOTAL SUM 1 2.8 6.3 4.0 7.5 4.5 5.0 90 4.4 9.0 2 3.3 3.4 4.0 6.3 3.5 5.0 90  
4.0 9.2 LOCS 2 10 1 3 1 16 16 8 8 REPS 4 11 1 6 2 16 16 8 8 DIFF 0.5 2.9 0.0 1.2  
1.0 0.0 0 0.3 0.2 PR > T .500 .000# .020+ .999 .999 .149 .639 STR T ABS TOTAL SUM 1  
72.3 2 72.6 LOCS 8 REPS 8 DIFF 0.3 PR > T .221 \* = 10% SIG + = 5% SIG # = 1% SIG

Detailed Description Paragraph Table (9):

TABLE 4B INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH48V/PHOKT VARIETY #2 =  
PHW52/PHK46 PRM BU BU TST EGR EST GDU PRM SHD ACR ACR MST WT WTH CNT SHD ABS ABS  
ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 120 115 176.6 106 106 57.0 91 103 100  
2 118 116 167.1 100 102 56.0 99 100 101 LOCS 5 5 125 125 125 66 25 33 23 REPS 5 5  
140 140 140 67 27 37 25 DIFF 1 0 9.5 6 4 1.0 7 3 1 PR >  
T .006# .999 .000# .000# .000# .000# .091\* .098\* .009# GDU STK PLT EAR RT STA STK  
BRT DRP SLK CNT HT HT LDG GRN LDG STK EAR % MN % MN % MN % MN % MN % MN % MN % MN %  
MN TOTAL SUM 1 100 101 104 108 101 111 103 108 100 2 101 98 100 101 98 107 97 90  
100 LOCS 15 160 40 40 13 40 38 13 9 REPS 17 197 42 42 13 43 40 17 11 DIFF 1 2 4 7 3  
4 5 18 0 PR > T .203 .007# .000# .000# .384 .458 .010+ .023+ .999 GLF NLF SLF STW  
ANT HD MDM FUS SPT BLT BLT WLT ROT SMT CLN CPX ERS ABS ABS ABS ABS ABS ABS ABS  
ABS TOTAL SUM 1 6.6 5.8 7.4 7.0 5.0 96.9 6.3 3.0 5.1 2 4.4 5.3 6.5 4.2 4.1 72.9 6.3  
3.0 6.2 LOCS 8 4 7 5 6 2 2 1 9 REPS 12 6 10 5 10 4 4 2 12 DIFF 2.2 0.5 0.9 2.8 0.9  
24.0 0.0 0.0 1.1 PR > T .000# .423 .007# .009# .186 .426 .999 .159 DIP COM SOU ECB  
ECB HSK HSK OIL PRO ERS RST RST 1LF 2SC CVR CVR T T ABS ABS ABS ABS ABS ABS % MN  
ABS ABS TOTAL SUM 1 2.8 6.9 4.0 7.5 4.5 5.1 92 4.3 9.2 2 3.0 6.5 5.0 6.0 4.0 5.1 90  
4.3 8.8 LOCS 2 5 1 3 1 17 17 6 6 REPS 4 6 1 6 2 17 17 6 6 DIFF 0.3 0.4 1.0 1.5 0.5  
0.0 2 0.1 0.5 PR > T .500 .374 .122 .999 .776 .648 .422 STR T ABS TOTAL SUM 1 72.2  
2 72.5 LOCS 6 REPS 6 DIFF 0.3 PR > T .492 \* = 10% SIG + = 5% SIG # = 1% SIG

Detailed Description Paragraph Table (10):

TABLE 4C INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH48V/PHOKT VARIETY #2 =  
PHBM4/PHJW1 PRM BU BU TST EGR EST GDU PRM SHD ACR ACR MST WT WTH CNT SHD ABS ABS  
ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 120 115 175.8 106 105 57.4 92 104 100  
2 123 118 147.2 89 115 55.5 74 104 106 LOCS 5 4 98 98 99 44 19 25 19 REPS 5 4 113  
113 114 44 21 29 21 DIFF 4 3 28.6 17 10 1.9 19 0 6 PR >  
T .003# .000# .000# .000# .000# .000# .000# .999 .000# GDU STK PLT EAR RT STA STK  
BRT DRP SLK CNT HT HT LDG GRN LDG STK EAR % MN % MN % MN % MN % MN % MN % MN % MN %  
MN TOTAL SUM 1 100 102 104 109 101 113 103 108 100 2 105 101 96 99 99 138 103 110  
100 LOCS 12 134 38 37 11 34 35 13 9 REPS 14 178 45 43 11 37 37 17 11 DIFF 5 1 8 10  
2 25 0 2 0 PR > T .000# .591 .000# .000# .247 .000# .999 .366 .999 GLF NLF SLF STW  
ANT HD MDM FUS SPT BLT BLT WLT ROT SMT CLN CPX ERS ABS ABS ABS ABS ABS ABS ABS  
ABS TOTAL SUM 1 6.6 5.8 7.5 7.0 5.0 96.9 6.3 3.0 4.8 2 5.7 7.0 5.3 7.4 5.3 96.4 6.3  
3.0 6.8 LOCS 8 4 6 5 6 2 2 1 8 REPS 12 6 9 5 10 4 4 2 11 DIFF 0.9 1.3 2.2 0.4 0.3  
0.4 0.0 0.0 2.0 PR > T .047+ .080\* .004# .587 .543 .500 .999 .041+ DIP COM SOU ECB  
ECB HSK HSK OIL PRO ERS RST RST 1LF 2SC CVR CVR T T ABS ABS ABS ABS ABS ABS % MN  
ABS ABS TOTAL SUM 1 2.8 6.9 4.0 7.5 4.5 4.9 89 4.4 9.0 2 3.0 9.0 1.0 5.8 5.0 6.6  
121 4.7 9.0 LOCS 2 5 1 3 1 14 14 8 8 REPS 4 6 1 6 2 14 14 8 8 DIFF 0.3 2.1 3.0 1.7  
0.5 1.7 32 0.3 0.0 PR > T .500 .001# .063\* .000# .000# .046+ .999 STR T ABS TOTAL  
SUM 1 72.3 2 71.3 LOCS 8 REPS 8 DIFF 1.1 PR > T 030+ \* = 10% SIG + = 5% SIG # = 1%  
SIG

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10/755,622

=> file biosis  
=> s (mohror, r?)/au  
L1 6 (MOHROR, R?)/AU

=> s (maize or corn or zea)/ab,bi

L2 115903 (MAIZE OR CORN OR ZEA)/AB,BI

=> s l1 and l2  
L3 6 L1 AND L2

=> file agricola

=> s l3  
L4 0 L1 AND L2

=> file biosis

=> d l3 1-6

L3 ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
AN 2004:376046 BIOSIS  
DN PREV200400382001  
TI Hybrid \*\*\*maize\*\*\* plant and seed 31R88.  
AU \*\*\*Mohror, Robert A.\*\*\* [Inventor, Reprint Author]  
CS Champaign, IL, USA  
ASSIGNEE: Pioneer Hi-Bred International, Inc.  
PI US 6777597 August 17, 2004

L3 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
AN 2004:275279 BIOSIS  
DN PREV200400276654  
TI Inbred \*\*\*maize\*\*\* line PH48V.  
AU \*\*\*Mohror, Robert Alvin\*\*\* [Inventor, Reprint Author]  
CS Champaign, IL, USA  
ASSIGNEE: Pioneer Hi-Bred International, Inc.  
PI US 6734348 May 11, 2004

L3 ANSWER 3 OF 6 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
AN 2002:111216 BIOSIS  
DN PREV200200111216  
TI Hybrid \*\*\*maize\*\*\* plant and seed.  
AU \*\*\*Mohror, R. A.\*\*\* [Inventor]  
CS Greenville, N.C., USA  
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.  
PI US 5763747 June 9, 1998

L3 ANSWER 4 OF 6 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
AN 2002:109320 BIOSIS  
DN PREV200200109320  
TI Inbred \*\*\*maize\*\*\* line PH44G.  
AU \*\*\*Mohror, R. A.\*\*\* [Inventor]  
CS Greenville, N.C., USA  
ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.  
PI US 5750832 May 12, 1998

L3 ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
AN 2001:196791 BIOSIS  
DN PREV200100196791  
TI Inbred \*\*\*maize\*\*\* line PH0V0.  
AU \*\*\*Mohror, Robert Alvin\*\*\* [Inventor, Reprint author]

CS Greenville, NC, USA  
ASSIGNEE: Pioneer Hi-Bred International, Inc.  
PI US 6107550 August 22, 2000  
L3 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
AN 2000:276193 BIOSIS  
DN PREV2000000276193  
TI Hybrid \*\*\*maize\*\*\* plant and seed 31G20.  
AU \*\*\*Mohror, Robert Alvin\*\*\* [Inventor, Reprint author]  
CS Greenville, NC, USA  
ASSIGNEE: Pioneer Hi-Bred International, Inc., Des Moines, IA, USA  
PI US 5986183 November 16, 1999

=> s ph48v/ab,bi

L5 1 PH48V/AB,BI

=> s 15 not 13

L6 0 L5 NOT L3

=> file agricola

=> s 16

L7 0 L5 NOT L3

=> log y

STN INTERNATIONAL LOGOFF AT 16:37:38 ON 10 DEC 2004